

**Amendments to the Abstract:**

Please cancel the previous Abstract and replace it with the following rewritten abstract.

A method of decoding audio data, encoded in multiple DIF blocks in a Digital Video (DV) data stream, and outputting said audio data as a PCM frame, includes fetching a single Digital Interface Frame (DIF) block from the DV data stream. A first byte in the single DIF block is de-shuffled to determine its index (n) in the PCM frame. Each byte in the in the single DIF block is de-shuffled to determine its respective index (n) in the PCM frame. The de-shuffled data is written into the PCM frame for output if the present DIF block is the last in the present DV frame. Subsequent DIF blocks in the DV frame are processed in the manner described above.